



David B. Beard has joined the physics department of the University of Connecticut as an instructor, effective this month.

Physicists who have been added to the staff of the experimental towing tank at Stevens Institute of Technology are **John L. Braud** of Tulane University, **Humes H. Hart** of Johns Hopkins University, **Joseph W. Neidinger** of the Illinois Institute of Technology, and **Edward W. Ross, Jr.** of the Webb Institute of Naval Architecture and Brown University.

Central Scientific Company scholarships for graduate study in the physical sciences for 1951-52 have been awarded to **Edwin F. C. Cain** at Michigan State College and **Josef A. Hofmann** at Harvard University.

The state department has announced the appointment of five U. S. scientists to serve as scientific attachés in overseas posts. The assignments, which represent additional progress in carrying out recommendations made in the Berkner report on science and foreign relations, include: **Hans T. Clarke**, professor of biochemistry at Columbia University, and **L. H. Farinholt**, associate professor of chemistry at Columbia University, to the U. S. Embassy in London; **William L. Doyle**, professor of Anatomy at the University of Chicago, and **Robert L. Loftness**, a physical chemist from industry, to the U. S. Embassy in Stockholm; and **Louis Lek**, formerly research associate of the Scripps Institution at La Jolla, to the U. S. Legation in Bern.

Russell E. Duff, physicist from the University of Michigan, has joined the Los Alamos Scientific Laboratory.

Ira M. Freeman, after completing a fifteen months' assignment as programme specialist in the department of natural sciences of Unesco in Paris, is returning this autumn to resume his duties as associate professor of physics at Rutgers University.

M. E. Hains, of the electron physics section, Associated Electrical Industries, Ltd., England, is planning to visit various laboratories and universities in the United States during the period from September to November.

Cyril M. Harris has been awarded a lectureship by the state department under the Fulbright Act, and during the academic year beginning in September will be affiliated with the Technical University in Delft, Holland. Since his resignation in March from the technical staff of the Bell Telephone Laboratories, Dr. Harris has been acting as a scientific consultant for the London branch of the Office of Naval Research.

Ilmo Hela, assistant professor of geophysics in the University of Helsinki and lecturer in meteorology in the Institute of Technology, University of Finland, has been named assistant professor of oceanography at the University of Miami Marine Laboratory, where he will carry out research into problems connected with the Florida current and other water-movements in the Gulf of Mexico and the Caribbean Sea.

Richard F. Humphreys, assistant chairman of the physics department at Armour Research Foundation of Illinois Institute of Technology, has been named chairman of the department.

Oak Ridge National Laboratory has announced the appointments to its physics staff of **Joe K. Bair** and **Theodore J. Kostigen**, from the NEPA division of Fairchild Engine and Aircraft Corporation, and **James L. Hull** and **Robert A. Weeks**, from the University of Tennessee.

Results of the last election of officers for the Chesapeake Section of the American Association of Physics Teachers have been announced as follows: **G. Emmett C. Kauffman**, president; **J. H. McMillen**, secretary; **E. R. Pinkston**, member of the executive committee of AAPT; and **Clare Driscoll** and **R. T. Cox**, members of the executive committee of the Chesapeake Section.

Robert T. Lagemann, professor of physics at Emory University, has been named to succeed **Francis G. Slack** as professor of physics and chairman of the department at Vanderbilt University. Professor Slack, who resigned this year, will make his home in Winter Park, Florida.

Don M. McCutcheon, head of the applied physics unit of the Ford Motor Company's manufacturing research department, has been named manager of the physics department of the company's new scientific laboratory, where he will direct research activities in the fields of thermodynamics, physical properties, and radiation.

Edwin M. McMillan, co-discoverer of neptunium and plutonium among the trans-uranic elements, and professor of physics at the University of California at Berkeley, has received the \$2500 Research Corporation Scientific Award for 1950. In 1945 he developed independently the theory of phase stability which led to the development of such high-energy accelerators as the synchrotron and the bevatron.

Arthur E. Middleton has been placed in charge of research on dielectrics and semiconductors at Battelle Institute, Columbus, Ohio.

San-ichiro Mizushima, director of research in molecular spectra and structure at Tokyo University, spoke on "Internal Rotation and the Nature of the Hindering Potential in Substituted Ethanes" at the spectroscopy seminar held by the physics department of the Illinois Institute of Technology in July.

Charles E. Mongan, Jr. has joined the staff of the Edo Corporation, College Point, L. I., N. Y., as a research physicist.